

29th Sep.

18:00	Welcome reception
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30th Sep.

8:30–9:30	Opening adress (Chair: T. Okabe)	S. W. Tsai	Features C-Ply Fabric
9:40–10:20	Technical session 1 (Chair: J. D. D. Melo)	T. E. Tay	Recent Efforts Towards Modeling Interactions of Matrix Cracks and Delaminations
10:20–11:00		T. Okabe	Multi-scale Modeling of Fiber-reinforced Plastic Composites
11:00–11:10		Break	
11:10–11:50		W. I. Lee	Assessment of Particle Distribution in Particle-Containing Composite Materials Using an Electron Probe Microanalyzer
11:50–13:30	Lunch and Poster session 1		
13:30–14:30	Keynote lecture 1 (Chair: Y. Miyano)	H. Sekine	Micromechanically Predicted Times to Failure of GFRP Composite Plates Under Combined Influence of Stress and Corrosive Environment
14:40–15:20	Technical session 2 (Chair: T. E. Tay)	J. D. D. Melo	Encapsulation of solvent into nanotubes to promote self-healing ability in polymers
15:20–16:00		C. A. Cimini Jr.	THEORETICAL FAILURE ENVELOPES OF OPEN HOLE COMPOSITE LAMINATES WITH A- AND B-BASIS ALLOWABLES ESTIMATED FROM SMOOTH SPECIMEN PROPERTIES
16:00–16:10		Break	
16:10–16:50		H. Cai	Mechanical Characterization of Carbon Fiber Using Neural Network
16:50–17:30		S. Atobe	Impact Damage Monitoring of CFRP Structures Based on Impact Force Identification
18:00		Banquet	

1st Oct.

8:30–9:30	Keynote lecture 2 (Chair: T. Okabe)	Y. Miyano	Accerelated Testing Methodology for Long-Term Tensile Strength of Unidirectional CFRP
9:40–10:20	Technical session 3 (Chair: W. I. Lee)	R. Talreja	Combined Defects Analysis and Performance Evaluation Strategy for Cost-effective Design of Composite Structure
10:20–11:00		K. Terada	Anisotropic damage-elastic-plastic-creep model for decoupled two-scale analysis of FRP
11:00–11:10		Break	
11:10–11:50		N. Takeda	Distributed strain monotoring of composite structures: Fabrication process and damage progress
11:50–12:30		G. Verchery	Sensitivity of some laminates to stacking or loading defects
12:40–13:30	Lunch and Poster session 2		
13:30–14:10	Technical session 4 (Chair: R. Talreja)	M. Endo	Carbon Fiber Composite Material; Developments, Commercializations and Applications
14:10–14:50		A. Kuraishi	Compressive Strengths of Aircraft Part Using NCF Prepregs
14:50–15:30		S. Yamamoto	Computational Strategies for Prediction of Process Induced Mechanical Properties of Thermoplastics
15:40–16:20	Technical session 5 (Chair: T. Okabe)	M. Tanaka	Possibility to optimize durability and biodegradability in HAp/PLA composites for bone regeneration by interface control
16:20–17:00		T. Adachi	Bone as a Smart Composite Material with Structural Optimality
17:00–17:10		Break	
17:10–17:50		K. Sanada	Microstructural design and characterization of self-healing fiber reinforced polymers
17:50–18:00	Closing adress	T. Okabe	